



## Department of Energy

Golden Field Office  
1617 Cole Boulevard  
Golden, Colorado 80401-3393

January 23, 2013

MEMORANDUM FOR: Gregory H. Woods  
General Counsel

FROM: Carol Battershell   
Golden Service Center Manager

SUBJECT: National Environmental Policy Act (NEPA) Planning Summary for the Office of Energy Efficiency and Renewable Energy

Attached is the 2013 NEPA Planning Summary for the Office of Energy Efficiency and Renewable Energy per DOE Order 451.1B, Section 4.d. EERE currently is conducting 18 environmental assessments (EA) and 1 environmental impact statement. EERE currently estimates the initiation of an additional 13 EAs in 2013. The information presented in this planning summary is based on current known workload. The number of EAs actually prepared is likely to vary from the current estimate as projects are identified and further defined.

Please contact Lori Gray, EERE NEPA Compliance Officer, at (720) 356-1568 with any questions regarding this planning summary.

Attachment

cc: Carol Borgstrom



# Annual NEPA Planning Summary

## Status of Ongoing Environmental Assessments

*Office of Energy Efficiency and Renewable Energy*

*Jan-13*

Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description
<b>New Page Proposed Wood Biomass-to-Liquid Fuel Biorefinery, Wisconsin Rapids, Wisconsin (DOE/EA-1811)</b>	N/A	EA Determination Date:	5/15/2010	The project and associated EA have been cancelled.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Flambeau River Biofuels Proposed Biomass to Liquid Hydrocarbon Biorefinery, Park Falls, Wisconsin (DOE/EA-1850)</b>	N/A	EA Determination Date:	7/28/2009	The project and associated EA have been cancelled.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Green Energy School Wind Turbine Project, Saipan, Commonwealth of the Northern Mariana Islands (DOE/EA-1923)</b>	N/A	EA Determination Date:	4/5/2012	
		Transmittal to State:	10/12/2012	
		EA Approval:	1/15/2013	
		FONSI:	1/15/2013	
<b>Brady Hot Springs Well 15-12 Hydro-Stimulation, Nevada (DOE/EA-1944)</b>	N/A	EA Determination Date:	10/2/2012	
		Transmittal to State:	11/21/2012	
		EA Approval:	1/17/2013	
		FONSI:	1/17/2013	
<b>Admiralty Inlet Pilot Tidal Energy Project, Snohomish County, Washington (DOE/EA-1949)</b>	N/A	EA Determination Date:	11/13/2012	
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Canby Cascaded Geothermal Development System, Modoc County, California (DOE/EA-1893)</b>	\$100,000.00	EA Determination Date:	2/23/2011	The EA has been placed on hold pending receipt of the new project scope.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Site-Wide Environmental Assessment of the National Renewable Energy Laboratory (NREL), National Wind Technology Center (NWTC), Golden, Colorado (DOE/EA-1914)</b>	\$150,000.00	EA Determination Date:	4/27/2011	
		Transmittal to State:		
		EA Approval:		
		FONSI:		

<b>Kansas State University's Wind Energy Project, Manhattan, KS (DOE/EA-1903)</b>	\$100,000.00	EA Determination Date:	3/4/2010	Project had been placed on hold for 1.5 years but was re-initiated in November 2012.
		Transmittal to State:	11/8/2012	
		EA Approval:		
		FONSI:		
<b>Deepwater Offshore Floating Wind Turbine Testing and Demonstration Project, Castine Harbor, Castine Maine (DOE/EA-1792-S1)</b>	\$50,000.00	EA Determination Date:	4/12/2012	
		Transmittal to State:	1/10/2013	
		EA Approval:		
		FONSI:		
<b>Yukon Biomass Heating and Diesel Power Plant Project, Fort Yukon, Alaska (DOE/EA-1922)</b>	\$100,000.00	EA Determination Date:	3/16/2012	
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Midnight Point and Mahogany Geothermal Exploration Projects, Glass Buttes, Oregon (DOE-EA-1925)</b>	N/A	EA Determination Date:	2/9/2011	
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Cloud County Community College: Wind Energy Project, Kansas (DOE/EA-1852)</b>	\$50,000.00	EA Determination Date:	12/20/2010	Project has been placed on hold.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Kalex Advanced Low Temperature Geothermal Power Cycle, CA</b>	N/A	EA Determination Date:	11/13/2012	
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Energy Efficiency Standards for New Federal Commercial and Multi-Family High-Rise Residential Buildings (DOE/EA-1918)</b>	\$25,000.00	EA Determination Date:	4/17/2012	<b>RIN 1904-AC60.</b> DOE's proposed rulemaking to update the energy efficiency design standards for new federal commercial buildings to American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Standard 90.1-2010.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Efficiency Design Standards for New Federal Low-Rise Residential Buildings (DOE/EA-1926)</b>	\$25,000.00	EA Determination Date:	4/17/2012	<b>RIN 1904-AC61.</b> DOE's proposed rulemaking to update the energy efficiency design standards for new federal residential buildings to the 2012 International Energy Conservation Code (IECC).
		Transmittal to State:		
		EA Approval:		
		FONSI:		

<b>Proposed Rule, 10 CFR 433 and 435, Energy Conservation and Fossil-Fuel Generated Energy Consumption Standards of New Federal Commercial and Multi-Family High and Low Rise Residential Buildings (DOE/EA-1778)</b>	\$25,000.00	EA Determination Date:	3/12/2012	<b>RIN 1904-AB96.</b> DOE's proposed rulemaking to reduce fossil generated energy consumption in new Federal Buildings.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Regarding Energy Efficiency Standards for Manufactured Housing</b>	\$25,000.00	EA Determination Date:	1/1/2013	<b>RIN 1904-AC11.</b> DOE's proposed rulemaking to establish standards for energy efficiency in manufactured housing.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Energy Efficiency and Sustainable Design Standards for New Federal Buildings (DOE/EA-1872)</b>	\$25,000.00	EA Determination Date:	5/28/2010	<b>RIN 1904-AC13.</b> DOE's proposed rulemaking to add sustainable design requirements for new Federal buildings to 10 CFR 435 Subpart A in accordance with Section 109 of the Energy policy Act of 2005 and section 433 of EISA-2007.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
	<b>Total Estimated Cost</b> \$675,000			

## Annual NEPA Planning Summary

### Environmental Assessments Expected to be Prepared in the Next 12 Months

*Office of Energy Efficiency and Renewable Energy*

*Jan-13*

Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description
<b>Site-Wide Environmental Assessment of the National Renewable Energy Laboratory (NREL), South Table Mountain Complex, Golden, Colorado</b>	\$150,000.00	EA Determination Date:	4/1/2012	
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Florida Atlantic University South-East National Marine Renewable Energy Center (SNMREC)'s Small Scale Ocean Current Turbine Test Berth Project</b>	TBD	EA Determination Date:	1/10/2013	
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>New Slab Creek Powerhouse Project, Sacramento, CA</b>	N/A	EA Determination Date:	3/16/2012	Pending a decision for Budget Period 2 tasks to determine if the project will move forward to the next phase.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>WET-NZ Multi-Mode Technology Demonstration at the US Navy's Wave Energy Test Site (WETS), Oahu, Hawaii</b>	TBD	EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>South Jersey Economic Development District Wind Energy Project, NJ</b>	TBD	EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Fisherman's Energy Offshore Wind Farm Installation, New Jersey</b>	N/A	EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
<b>Placer County Biomass Facility Project, Placer County, CA</b>	TBD	EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		



Single-well Low Temperature CO2-based Engineered Geothermal System, Arizona	TBD	EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
Advanced Seismic Data Analysis Program, NV	TBD	EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
Remote Sensing Data used to Locate High Temperature Ground Anomalies in Colorado	TBD	EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
Sub-soil Gas and Fluid Inclusion Exploration and Slim Well Drilling, Pumpnickel Valley, NV	TBD	EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
Detachment Faulting and Geothermal Resources, University of Texas at Austin	TBD	EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
Blind Geothermal System Exploration in Active Volcanic Environments, Maui, Hawaii	TBD	EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
	<b>Total Estimated Cost</b>			
	TBD			

## Annual NEPA Planning Summary Ongoing Environmental Impact Statements

*Office of Energy Efficiency and Renewable Energy*

Jan-13

Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description
Hawaii Clean Energy Programmatic EIS (DOE/EIS-0459)	\$3,000,000.00	EIS Determination Date:	9/13/2010	Scope was expanded in 2012, NOI was amended and additional scoping meetings were conducted.
		NOI:	12/14/2010 & 8/10/2012	
		Scoping:	2/2011 and 9/2012	
		Draft		
		Hearings		
		Final ROD		
	<b>Total Estimated Cost</b> \$3,000,000			

**Annual NEPA Planning Summary**  
**Environmental Impact Statements Expected to be Prepared in the Next 24 Months**

*Office of Energy Efficiency and Renewable Energy*  
*Jan-13*

Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)	Description
None		EIS Determination Date: NOI: Scoping: Draft Hearings Final ROD	
	Total Estimated Cost \$0		



## Annual NEPA Planning Summary Mitigation Action Plan (MAP) Tracking

*Office of Energy Efficiency and Renewable Energy*

*Jan-13*

NEPA Document Title, Location, Document Number	Key Dates in MAP Implementation		Discussion of Mitigation Commitments and Implementation Status
<b>Mitigation Action Plan for the Final Environmental Impact Statement for the Proposed Abengoa Biorefinery Project near Hugoton, Stevens County Kansas (DOE/EIS-0407)</b>	ROD/FONSI date:	1/12/2011	The MAP is being finalized. Expected completion date is Summer 2013.
	MAP date:	TBD	
	Mitigation report 1:		
	Mitigation report 2:		
	Mitigation report 3:		
	Mitigation report 4:		
<b>Mitigation Action Plan for the Oregon State University Wave Energy Test Project (DOE/EA-1917)</b>	ROD/FONSI date:	8/15/2012	The first quarterly Adaptive Management Committee meeting is scheduled for 1/15/2013. As dictated by the MAP, all relevant resource agencies and DOE are invited. Meeting will evaluate environmental monitoring conducted before and after first Wave Energy Conversion device test, specifically the acoustic and EMF studies, and implement new measures for next test, if the committee finds this adaptive step is necessary.
	MAP date:	8/15/2012	
	Mitigation report 1:		
	Mitigation report 2:		
	Mitigation report 3:		
	Mitigation report 4:		
<b>Mitigation Action Plan for the Nippon Paper Industries USA Company Biomass Cogeneration Project, Port Angeles, Washington (DOE/EA 1858)</b>	ROD/FONSI date:	6/3/2011	Construction has been delayed.
	MAP date:	6/3/2011	
	Mitigation report 1:		
	Mitigation report 2:		
	Mitigation report 3:		
	Mitigation report 4:		